



March 1, 2005

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Your Reference: 10/092,577  
Our Reference: 4320-395

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**Re: Supplemental Information Disclosure Statement  
United States Patent Application No. 10/092577  
For: CARBON DIOXIDE RECYCLE FOR IMMersed MEMBRANES  
Applicants: Manwinder Singh et al.  
Filed: March 8, 2002**

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In accordance with 37 CFR 1.97 and 1.98, and in recognition of the duty of disclosure set forth in 37 C.F.R. 1.56, the applicant hereby submits a Supplemental Information Disclosure Statement. Further, in accordance with the waiver by the Office of the requirement under 37 CFR 1.98(a)(2)(i), this Information Disclosure Statement is filed without copies of the cited U.S. Patents

This Information Disclosure Statement is filed subsequent to the issuance to the first Office Action but prior to the issuance of either a Final Action or a Notice of Allowance. The prescribed fee of \$180.00 is enclosed in our firm cheque. Please charge any additional fees, which may be required or remit any excess fees to our deposit account no. 02-2095.

Respectfully submitted,

**MANWINDER SINGH ET AL.**

By: Scott Pundsack  
Scott R. Pundsack  
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Encl.

03/04/2005 MBEYENE1 00000059 10092577

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PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet	1	of	1
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**Complete if Known**

Application Number	10/092,577
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<i>Filing Date</i>	March 8, 2002
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First Named Inventor	SINGH
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Art Unit	1723
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Examiner Name	MENON, Krishnan S.
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Attorney Docket Number	4320-395
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## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		JP 01-119397 A	05/11/1989	Yamagata et al.		✓ Partial
		English Language Abstract of JP 01-119397				
		JP 09-141291	06/03/1997	Takeshita et al.		✓ Machine translation
		English Language Abstract of JP 09-141291				

**Examiner  
Signature**

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional).<sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS**